ABSTRACT OF THE DISCLOSURE

A Driveline Angle Analyzer (DAA) for determining a torsional acceleration and inertias of a vehicle driveline by entering measurements of a vehicle driveline configuration into a graphical user interface program. The user selects the driveline configuration of interest from a plurality of driveline configurations. Then, the user enters information, such as driveline measurements relating to the selected driveline configuration. To aide in gathering the correct information, the user can print out a worksheet for the selected driveline configuration. After the user inputs the information for the selected driveline configuration, the user can select a corrective mode that allows the user to improve the selected driveline configuration. For example, the user can change the angle of a component with the surrounding components by changing their angles and/or length while enabling the components to stay connected to each other, thus maintaining the vehicle's driveline geometry.

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